ADJUSTABLE ARC, ADJUSTABLE FLOW RATE SPRINKLER

ABSTRACT OF THE DISCLOSURE

A sprinkler head includes a base; an elongated stem having an inlet supported within the base; a nozzle and a stream deflector supported within the stem, the nozzle and stream deflector cooperating to define an arcuate orifice; a water distribution plate supported on one end of a shaft extending upwardly from the base, the water distribution plate located in axially spaced relationship to the nozzle and adapted to be impinged by a stream emitted from the nozzle. An externally threaded sleeve is fixed to an opposite end of the shaft; and an elastomeric throttle control member constructed with a smooth through-bore is engaged over the externally threaded sleeve to self-tap along the previously smooth bore. The throttle member is prevented from rotating such that rotation of the shaft causes the throttle control member to move axially relative to a flow restriction portion in the inlet, to thereby adjust flow rate through the stem and the nozzle.